



***National
Environmental
Achievement Track***

Application Form

Lockheed Martin Space Systems Company, Astronautics Operations, Waterton Plant
Name of facility

Lockheed Martin Corporation
Name of parent company (if any)

12257 State Hwy 121
Street address

Street address (continued)

Littleton, CO 80127
City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name Aubrey L. Pharo

Title Manager, Environmental, Safety & Health

Phone (303) 977-5641

Fax (303) 977-3844

E-mail aubrey.l.pharo@lmco.com

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

Section A

Tell us about your facility.

1 What do you do or make at your facility?

Launch Vehicle & Satellite Manufacturing, Design and Test

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
3764

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

Yes No

4 How many employees (full-time equivalents) currently work at your facility?

- Fewer than 50
 50-99
 100-499
 500-1,000
 More than 1,000

Section A, continued

5 Does your facility have an EPA ID number(s)?

Yes No

If yes, list in the right-hand column.

COD001704790

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right **or** enclose a completed Checklist with your application.

Check List Enclosed

7 Check the appropriate box in the right-hand column.

I've listed the requirements above.

I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

Section B

Tell us about your EMS.

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

- a.* Environmental policy Yes
- b.* Planning Yes
- c.* Implementation and operation Yes
- d.* Checking and corrective action Yes
- e.* Management review Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? Yes

3 Did this cycle include both an EMS and a compliance audit? Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? Yes

If yes, what method of EMS assessment did you use?

- Self-assessment
- GEMI Other
- CEMP
- Third-party assessment
- ISO 14001 Certification
- Other

Section C

Tell us about your past achievements and future commitments.

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Air Emissions Vehicle Miles Traveled (VMT)	100%	VMT/MO	90%	VMT/MO
<p>i. How is the current level an improvement over the previous level?</p> <p>By reducing the number of days per month employees are required to be at work saves directly the vehicle emission that would have been generated by employees commuting to and from the Waterton plant.</p> <p>ii. How did you achieve this improvement?</p> <p>Lockheed Martin Astronautics implemented a 9/80 work schedule which gives employees every other Friday off, reducing VMT from home to work by 10%.</p>				

Second aspect you've selected

What aspect have you selected? Hazardous Waste F019 WWTP Sludge	What was the previous level (2 years ago)? <table border="1"> <tr> <td>Quantity</td> <td>Units</td> </tr> <tr> <td>30,000</td> <td>lbs</td> </tr> </table>	Quantity	Units	30,000	lbs	What is the current level? <table border="1"> <tr> <td>Quantity</td> <td>Units</td> </tr> <tr> <td>25,000</td> <td>lbs</td> </tr> </table>	Quantity	Units	25,000	lbs
Quantity	Units									
30,000	lbs									
Quantity	Units									
25,000	lbs									
<p>i. How is the current level an improvement over the previous level? Less hazardous waste generation and associated environmental impacts.</p> <p>ii. How did you achieve this improvement? Changed operations to preclude mixing F019 precursors with domestic waste streams thereby avoiding creating hazardous waste out of non-hazardous waste water treatment plant sludge.</p>										

2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?	Air Emissions
b. Is this aspect identified as significant in your EMS?	Registered Chillers Using CFCs
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	<input checked="" type="checkbox"/> Option A: Absolute value 32 Registered CFC Units (Quantity/Units)
	<input type="checkbox"/> Option B: In terms of units of production or output (Quantity/Units)

Third aspect you've selected

- a. What is the aspect? Hazardous Waste F019 WWTP Sludge
- b. Is this aspect identified as significant in your EMS? Yes No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- Option A:
Absolute value 25,000 Lbs
(Quantity/Units)
- Option B:
In terms of
units of production (Quantity/Units)
or output
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- Option A:
Absolute value Reduce by 80% to 5,000
lbs
(Quantity/Units)
- Option B:
In terms of (Quantity/Units)
units of production
or output (Quantity/Units)
- e. How will you achieve this improvement? Segregate F019 precursors from all waste streams entering the WWTP

Fourth aspect you've selected

- a. What is the aspect? Hazardous Waste - Adhesives, Resins & Paints
- b. Is this aspect identified as significant in your EMS? Yes No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- Option A:
Absolute value 20,653 Lbs/Yr Disposed
(Quantity/Units)
- Option B:
In terms of
units of production (Quantity/Units)
or output
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- Option A:
Absolute value Reduce by 10% to 18,000
lbs
(Quantity/Units)
- Option B:
In terms of (Quantity/Units)
units of production
or output (Quantity/Units)
- e. How will you achieve this improvement? Through integration/coordination of product requirements and purchasing across the company using Enterprise Resource Planning as a single process/system.

Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

Community members are welcome to notify us of concerns through our website, or by contacting our Communications department. Response to a concern is handled promptly through Lockheed Martin Astronautics Communications.

2 How do you inform community members of important matters that affect them?

We inform community members of matters that affect them through public meetings, press releases, the annual summary brochure and in case of emergencies, agency notification.

3 How will you make the Achievement Track Annual Performance Report available to the public?

- Website www.ast.lmco.com
- Newspaper
- Open Houses
- Other

An environmental performance annual summary brochure is sent to our external audience.

4 Are there any ongoing citizen suits against your facility? Yes No

If yes, describe briefly in the right-hand column.

5 List references below

	<i>Organization</i>	<i>Name</i>	<i>Phone number</i>
<i>Representative of a Community/ Citizen Group</i>	Audubon Society of Greater Denver	Bob Judge	(303) 973-9530
	Colorado Audubon Society	Susan Kirkpatrick	(303) 415-0130
<i>State/Local Regulator</i>	Colorado Department of Public Health & Environment	Charles Johnson	(303) 692-3348
<i>Other community/local reference</i>	Thorne Ecological Institute	Oakleigh Thorne, II	(303) 499-3647
	Colorado Division of Outdoor Recreation, Chatfield State Park	Kent Wylie, Park Manager	(303) 791-7275

Section E

Application and Participation Statement.

On behalf of Lockheed Martin Space Systems Company
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the *Environmental Requirements Checklist*). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the *Achievement Track EMS requirements*, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the *National Environmental Achievement Track* is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

 11/8/00

Printed Name/Title Marshall D. Byrd

Facility Name Lockheed Martin Space Systems Company, Astronautics Operations

Facility Street Address 11257 State Highway 121, Littleton, CO 80127

Facility ID Numbers COD001704790

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
Cambridge, MA 02140

National Environmental Achievement Track

Environmental Requirements Checklist

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Facility Name Lockheed Martin Space Systems Company, Astronautics Operations
Facility Location: 12257 State Highway 121, Littleton, CO 80127
Facility ID Number(s): COD001704790
(attach additional sheets if necessary)

Air Pollution Regulations

- | | Check All
That Apply |
|---|-------------------------------------|
| 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61) | <input type="checkbox"/> |
| 2. Permits and Registration of Air Pollution Sources | <input checked="" type="checkbox"/> |
| 3. General Emission Standards, Prohibitions and Restrictions | <input checked="" type="checkbox"/> |
| 4. Control of Incinerators | <input type="checkbox"/> |
| 5. Process Industry Emission Standards | <input type="checkbox"/> |
| 6. Control of Fuel Burning Equipment | <input checked="" type="checkbox"/> |
| 7. Control of VOCs | <input checked="" type="checkbox"/> |
| 8. Sampling, Testing and Reporting | <input type="checkbox"/> |
| 9. Visible Emissions Standards | <input checked="" type="checkbox"/> |
| 10. Control of Fugitive Dust | <input checked="" type="checkbox"/> |
| 11. Toxic Air Pollutants Control | <input type="checkbox"/> |
| 12. Vehicle Emissions Inspections and Testing | <input checked="" type="checkbox"/> |

Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above (identify)

- | | |
|-----|--------------------------|
| 13. | <input type="checkbox"/> |
| 14. | <input type="checkbox"/> |

Hazardous Waste Management Regulations

- | | |
|---|-------------------------------------|
| 1. Identification and Listing of Hazardous Waste (40 CFR 261) | |
| - Characteristic Waste | <input checked="" type="checkbox"/> |
| - Listed Waste | <input checked="" type="checkbox"/> |
| 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262) | |
| - Manifesting | <input checked="" type="checkbox"/> |

- Pre-transport requirements
- Record keeping/reporting
- 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - Transfer facility requirements
 - Manifest system and record-keeping
 - Hazardous waste discharges
- 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - General facility standards
 - Preparedness and prevention
 - Contingency plan and emergency procedures
 - Manifest system, Record keeping and reporting
 - Groundwater protection
 - Financial requirements
 - Use and management of containers
 - Tanks
 - Waste piles
 - Land treatment
 - Incinerators
- 5. Interim Status Standards for TSD Owners and Operators (40 CFR 265)
- 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- 7. Administered Permit Program (Part B) (40 CFR 270)

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (identify)

- 8.
- 9.

Hazardous Materials Management

- 1. Control of Pollution by Oil and Hazardous Substances (33 CFR 153)
- 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- 5. Community Right-to-Know Regulations (40 CFR 350-372)

Other Federal, State, Tribal or Local Hazardous Materials Management Regulations Not Listed Above (identify)

- 6.
- 7.

Solid Waste Management

- 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- 2. Permit Requirements for Solid Waste Disposal Facilities
- 3. Installation of Systems of Refuse Disposal

- 4. Solid Waste Storage and Removal Requirements
- 5. Disposal Requirements for Special Wastes

Other Federal, State, Tribal or Local Solid Waste Management Regulations Not Listed Above (identify)

- 6.
- 7.

Water Pollution Control Requirements

- 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- 2. Designation of Hazardous Substances (40 CFR 116)
- 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- 4. NPDES Permit Requirements (40 CFR 122)
- 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)
- 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- 10. Water Quality Standards
- 11. Effluent Limitations for Direct Dischargers
- 12. Permit Monitoring/Reporting Requirements
- 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- 14. Collection, Handling, Processing of Sewage Sludge
- 15. Oil Discharge Containment, Control and Cleanup
- 16. Standards Applicable to Indirect Discharges (Pretreatment)

Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)

- 17.
- 18.

Drinking Water Regulations

- 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
- 2. National Primary Drinking Water Standards (40 CFR 141)
- 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- 5. Underground Injection Control Requirements

- 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems

Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above(identify)

- 7.
- 8.

Toxic Substances

- 1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704)
- 2. Import and Export of Chemicals (40 CFR 707)
- 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)
- 4. Chemical Information Rules (40 CFR 712)
- 5. Health and Safety Data Reporting (40 CFR 716)
- 6. Pre-Manufacture Notifications (40 CFR 720)
- 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)

Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above (identify)

- 10.
- 11.

Pesticide Regulations

- 1. FIFRA Pesticide Use Classification (40 CFR 162)
- 2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165)
- 3. Certification of Pesticide Applications (40 CFR 171)
- 4. Pesticide Licensing Requirements
- 5. Labeling of Pesticides
- 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- 7. Disposal of Pesticide Containers
- 8. Restricted Use and Prohibited Pesticides

Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (identify)

- 9.
- 10.

Environmental Clean-Up, Restoration, Corrective Action

- 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (identify)
Air Force Plant PJKS (NPL Site) Federal Consent Decree 00-S-562

2. RCRA Corrective Action (identify)

Compliance Order on Consent 00-07-29-01 (8/7/00)

Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration, Corrective Action Regulations Not Listed Above (identify)

3.

4.